

Level 0(Loops)

1. First n numbers

Write a program to print the first N natural numbers.

Input Format:

First line consists of a positive integer n

Output Format:

Print the number from 1 to n space separated integer.

Sample Input:

10

Sample Output:

1 2 3 4 5 6 7 8 9 10

2. Numbers from n to 1

Write a program to print the numbers from N to 1.

Input Format:

First line consists of a positive integer n

Output Format:

Print the number from n to 1 space separated integer.

Sample Input:

10

Sample Output:

10 9 8 7 6 5 4 3 2 1

3. First n even numbers

Write a program to print the first N even natural numbers.

Input Format:

First line consists of a positive integer n

Output Format:

Print the number from 1 to n space separated even integer.

Sample Input:

5

Sample Output:

2 4 6 8 10

4. First n odd numbers

Write a program to print the first N odd natural numbers.

Input Format:

First line consists of a positive integer n

Output Format:

Print the number from 1 to n space separated odd integers.

Sample Input:

5

Sample Output:

1 3 5 7 9

5. Multiples of 2

Write a program to print all the multiples of 2 till N.

Input Format:

First line consists of a positive integer n

Output Format:

Print the numbers from 2 to n which are multiples of 2.

Sample Input:

15

Sample Output:

2 4 6 8 10 12 14

6. First n multiples of 2 numbers

Write a program to print first n multiples of 2.

Input Format:

First line consists of a positive integer n

Output Format:

Print the required space separated number series

Sample Input:

10

Sample Output:

2 4 6 8 10 12 14 15 16 18

7. First n multiples of 3 numbers

Write a program to print first N multiples of 3.

Input Format:

First line consists of a positive integer n

Output Format:

Print the required space separated number series

Sample Input:

7

Sample Output:

3 6 9 12 15 18 21

8. First n multiples of 5 numbers

Write a program to print first N multiples of 5.

Input Format:

First line consists of a positive integer n

Output Format:

Print the required space separated number series

Sample Input:

5

Sample Output:

5 10 15 20 25

9. Multiple of 2 and 3 numbers

Write a program to print all the numbers which are multiples of either 2 or 3 till N.

Input Format:

First line consists of a positive integer n

Output Format:

Print the number from 2 to n space separated multiples of 2 and 3 integers.

Sample Input:

15

Sample Output:

2 3 4 6 8 9 10 12 14 15

10. Multiple of 2, 5 and 7 numbers

Write a program to print all the numbers which are multiples of either 2 or 5 or 7 till N.

Input Format:

First line consists of a positive integer n

Output Format:

Print the number from 2 to n space separated multiples of 2 and 3 integers.

Sample Input:

15

Sample Output:

2 4 5 6 7 8 10 12 14 15